GEMELS

VODE Series

HYDRAULIC VALVES

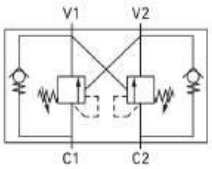
VODE

DOUBLE EFFECT OVERCENTER VALVE

Edition. 21.1

CS Carbon Steel

- Type: Double Effect Overcenter Valve
- Sizes: DN6-DN20
- Ends: BSP-NPT-SAE
- Pressure: up to PN350
- Temp range: from -20°C to +90°C
- Treatment: Galvanized





STRUCTURE

Type and way of valve	Ends			Material
	GAS DIN/ ISO 228 BSP	NPT ANSI /ASME B1.20.1	SAE J1926-1	
VODE	G 1/4	N 1/4	SAE4	CS CARBON STEEL
	G 3/8	N 3/8	SAE6	
	G 1/2	N 1/2	SAE8	
	G 3/4	N 3/4	SAE12	

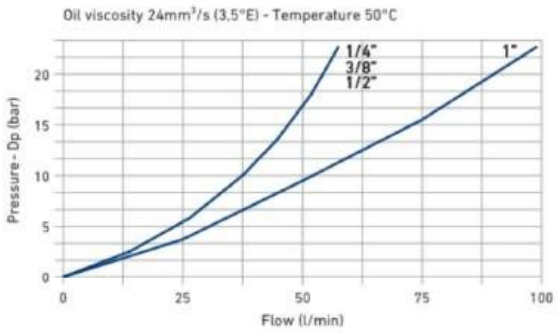


FEATURES

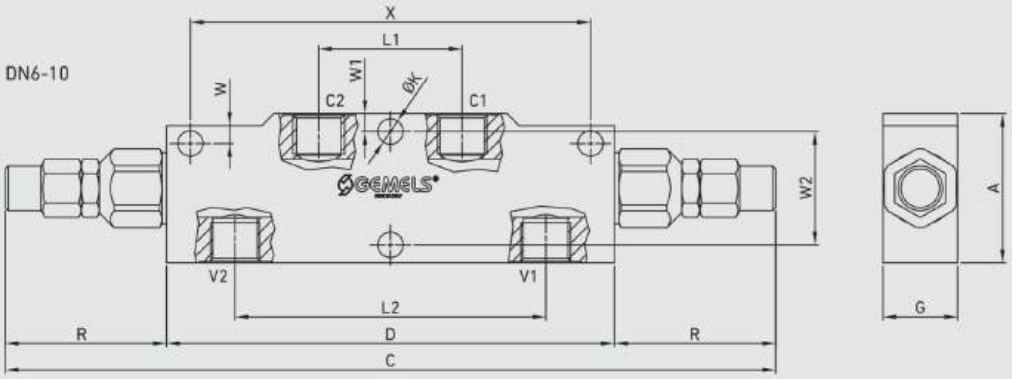
PILOT RATIO	FLUID VISCOSITY	FILTRATION	FLUID TEMPERATURE	AMBIENT TEMPERATURE	STANDARD SEALS	ADJUSTMENT
4.25:1 6,25:1	ISO 3448	ISO4406	-20°C +90°C	-20°C +50°C	NBR	Steel cap Std. Tamper proof cap

*On request
- Pilot ratio 8:1 and 11:1
- Bigger sizes
- Tamper proof cap

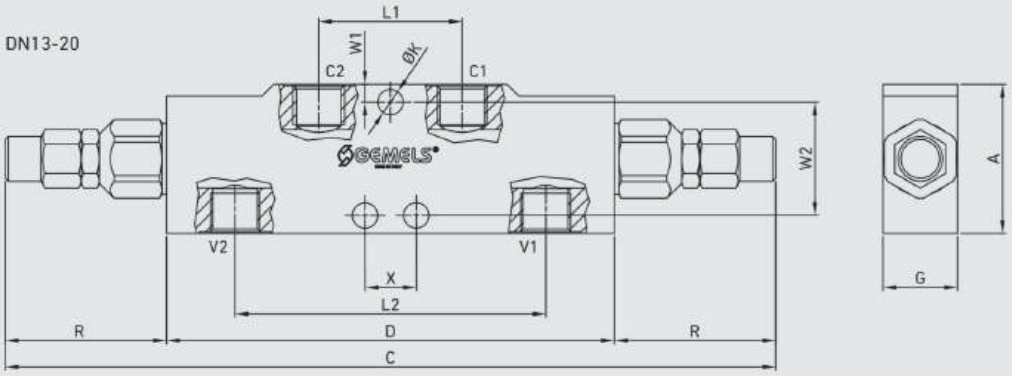
PERFORMANCES V to C

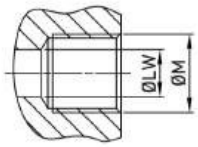


DN6-10



DN13-20



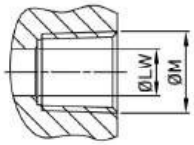


VODE DIN/ISO 228 BSP

CS Carbon Steel

TYPE	DN	PN	STANDARD SETTING	SETTING RANGE		A	C	D	G	L1	L2	R	ØM	ØK	W	W1	W2	X	PILOT RATIO	MAX FLOW (l/min)	WEIGHT	ITEM CODE
VODE G 1/4	6	MPa 35	30	6-35	mm	50	258	150	25	48	104	54	G 1/4	8,5	10	6	38	134	4.25:1	30	kg 1,42	NVO1G010000
		Psi 5075	4350	870-5075	inch	1,97	10,16	5,91	0,98	1,89	4,09	2,13		0,33	0,39	0,24	1,50	5,28			lb 3,13	
VODE G 3/8	10	MPa 35	30	3-35	mm	50	258	150	25	48	104	54	G 3/8	8,5	10	6	38	134	4.25:1	40	kg 1,39	NVO1G020000
		Psi 5075	4350	435-5075	inch	1,97	10,16	5,91	0,98	1,89	4,09	2,13		0,33	0,39	0,24	1,50	5,28			lb 3,06	
VODE G 1/2	13	MPa 35	30	6-35	mm	60	258	150	30	50	110	54	G 1/2	8,5	-	8	44	30	4.25:1	60	kg 2	NVO1G030000
		Psi 5075	4350	870-5075	inch	2,36	10,16	5,91	1,18	1,97	4,33	2,13		0,33	-	0,31	1,73	1,18			lb 4,41	
VODE G 3/4	20	MPa 35	30	6-35	mm	80	304	190	35	65	143	57	G 3/4	8,5	-	8	64	44	6.25:1	90	kg 3,8	NVO1G040000
		Psi 5075	4350	435-5075	inch	3,15	11,97	7,48	1,38	2,56	5,63	2,24		0,33	-	0,31	2,52	1,73			lb 8,38	

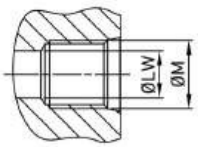
The company reserves the right to operate dimensional changes without prior notice.



VODE ANSI/ASME B1.20.1 NPT

CS Carbon Steel

TYPE	DN	PN	STANDARD SETTING	SETTING RANGE	A	C	D	G	L1	L2	R	ØM	ØK	W	W1	W2	X	PILOT RATIO	MAX FLOW (l/min)	WEIGHT	ITEM CODE
VODE N 1/4	6	MPa 35	30	6-35	mm 50	258	150	25	48	104	54	N 1/4	8,5	10	6	38	134	4.25:1	30	kg 1,42	NVO1N010000
		Psi 5075	4350	870-5075	inch 1,97	10,16	5,91	0,98	1,89	4,09	2,13		0,33	0,39	0,24	1,50	5,28			lb 3,13	
VODE N 3/8	10	MPa 35	30	3-35	mm 50	258	150	25	48	104	54	N 3/8	8,5	10	6	38	134	4.25:1	40	kg 1,39	NVO1N020000
		Psi 5075	4350	435-5075	inch 1,97	10,16	5,91	0,98	1,89	4,09	2,13		0,33	0,39	0,24	1,50	5,28			lb 3,06	
VODE N 1/2	13	MPa 35	30	6-35	mm 60	258	150	30	50	110	54	N 1/2	8,5	-	8	44	30	4.25:1	60	kg 2	NVO1N030000
		Psi 5075	4350	870-5075	inch 2,36	10,16	5,91	1,18	1,97	4,33	2,13		0,33	-	0,31	1,73	1,18			lb 4,41	
VODE N 3/4	20	MPa 35	30	6-35	mm 80	304	190	35	65	143	57	N 3/4	8,5	-	8	64	44	6.25:1	90	kg 3,8	NVO1N040000
		Psi 5075	4350	435-5075	inch 3,15	11,97	7,48	1,38	2,56	5,63	2,24		0,33	-	0,31	2,52	1,73			lb 8,38	



VODE SAE J1926-1

CS Carbon Steel

TYPE	DN	PN	STANDARD SETTING	SETTING RANGE	A	C	D	G	L1	L2	R	ØM	ØK	W	W1	W2	X	PILOT RATIO	MAX FLOW (l/min)	WEIGHT	ITEM CODE
VODE SAE 4	6	MPa 35	30	6-35	mm 50	258	150	25	48	104	54	7/16	8,5	10	6	38	134	4.25:1	30	kg 1,42	NVO1S010000
		Psi 5075	4350	870-5075	inch 1,97	10,16	5,91	0,98	1,89	4,09	2,13	UNF	0,33	0,39	0,24	1,50	5,28			lb 3,13	
VODE SAE 6	10	MPa 35	30	3-35	mm 50	258	150	25	48	104	54	9/16	8,5	10	6	38	134	4.25:1	40	kg 1,39	NVO1S020000
		Psi 5075	4350	435-5075	inch 1,97	10,16	5,91	0,98	1,89	4,09	2,13	UNF	0,33	0,39	0,24	1,50	5,28			lb 3,06	
VODE SAE 8	13	MPa 35	30	6-35	mm 60	258	150	30	50	110	54	3/4-16	8,5	-	8	44	30	4.25:1	60	kg 2	NVO1S030000
		Psi 5075	4350	870-5075	inch 2,36	10,16	5,91	1,18	1,97	4,33	2,13	UNF	0,33	-	0,31	1,73	1,18			lb 4,41	
VODE SAE 12	20	MPa 35	30	6-35	mm 80	304	190	35	65	143	57	1 1/16	8,5	-	8	64	44	6.25:1	90	kg 3,8	NVO1S040000
		Psi 5075	4350	435-5075	inch 3,15	11,97	7,48	1,38	2,56	5,63	2,24	-12 UN	0,33	-	0,31	2,52	1,73			8,38	

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